

# Clock Widget

The clock widget displays the current time in a given time zone, using an analog clock face.



## Creating a Clock

A clock widget can be created by dragging it out from the Tools Palette, where it appears with the following icon:



Alternatively it can be created in script using:

```
create widget as "com.livecode.widget.clock"
```

## Clock Display

The clock has two different styles, depending on whether it is day or night. By default the hands are dark on a light background when displaying a time at night (between 8PM and 6AM), and the hands are light on a dark background when displaying a time during the day.



These colors can be customised using the `dayNumberColor`, `dayHourHandColor`, `dayMinuteHandColor`, `daySecondHandColor` and `dayFaceColor` properties, and the equivalent properties for night.

The read-only property `isDay` also reflects whether the current time is AM or PM.

The time displayed by the clock can differ from the current system local time by setting the `timeZone` property, an integer which adjusts the time displayed relative to universal time (UTC). For instance, to set the clock to display a time that is 6 hours ahead of UCT time ("+06:00"):

```
set the timeZone of widget "Clock" to 21600
```

as 21600 seconds is 6 hours.